

FIG. 1

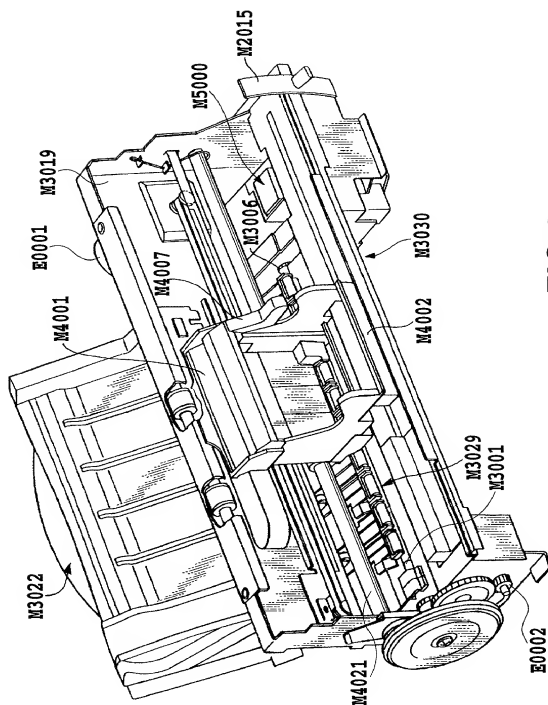


FIG.2

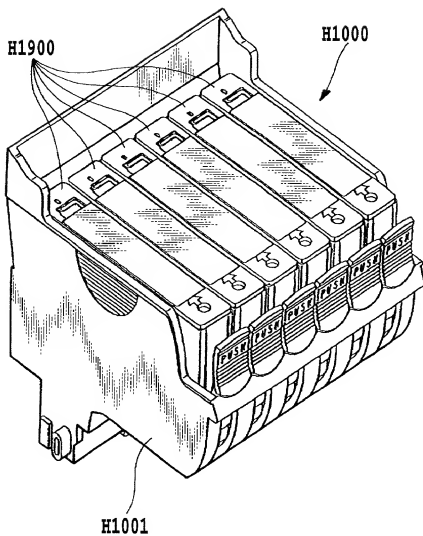


FIG.3

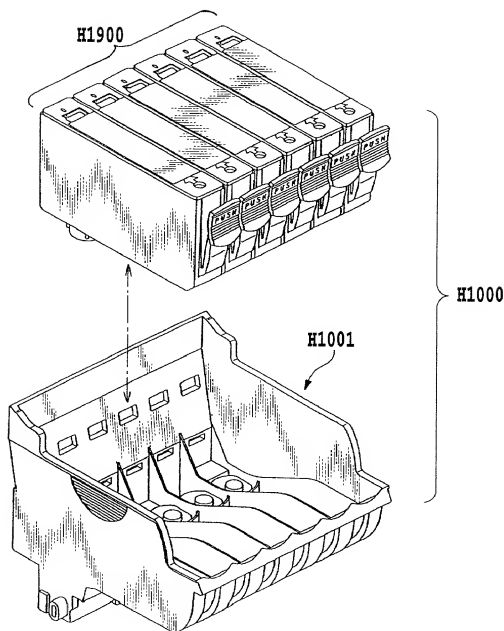
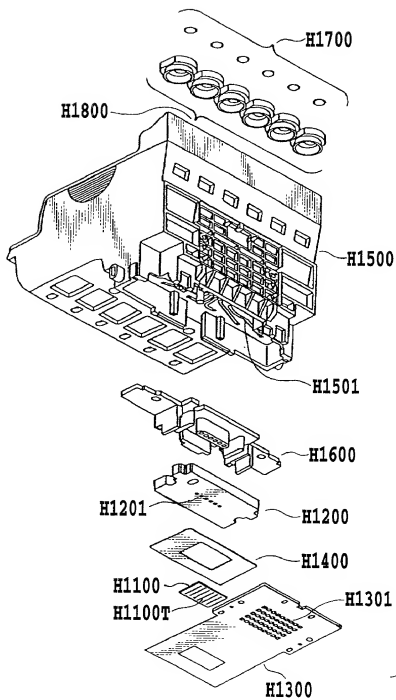


FIG.4

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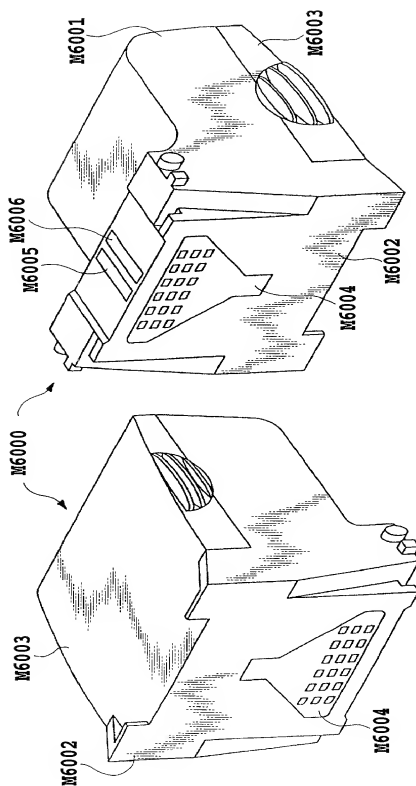


FIG. 6B

FIG. 6A

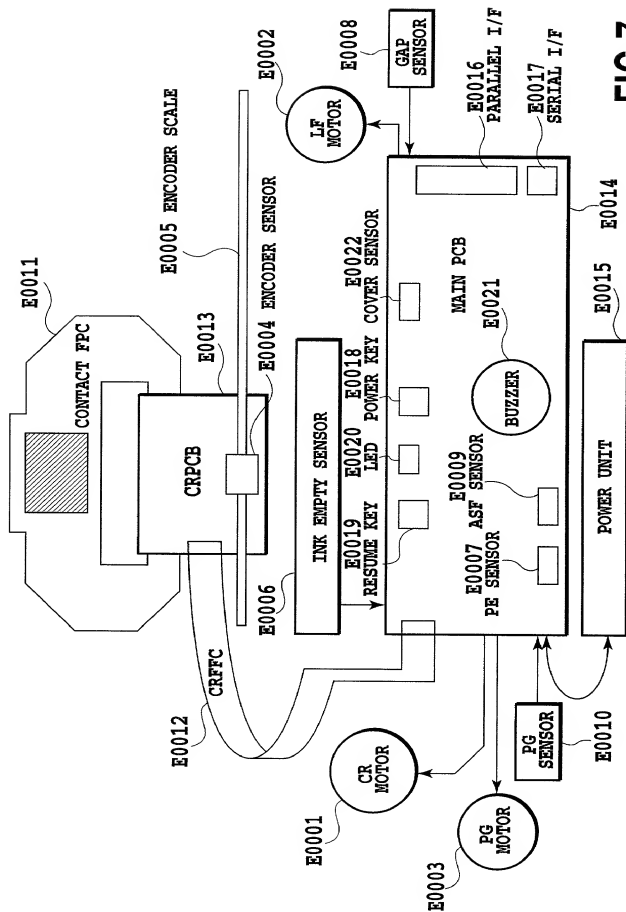


FIG. 7

FIG.8

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FIG.8A FIG.8B

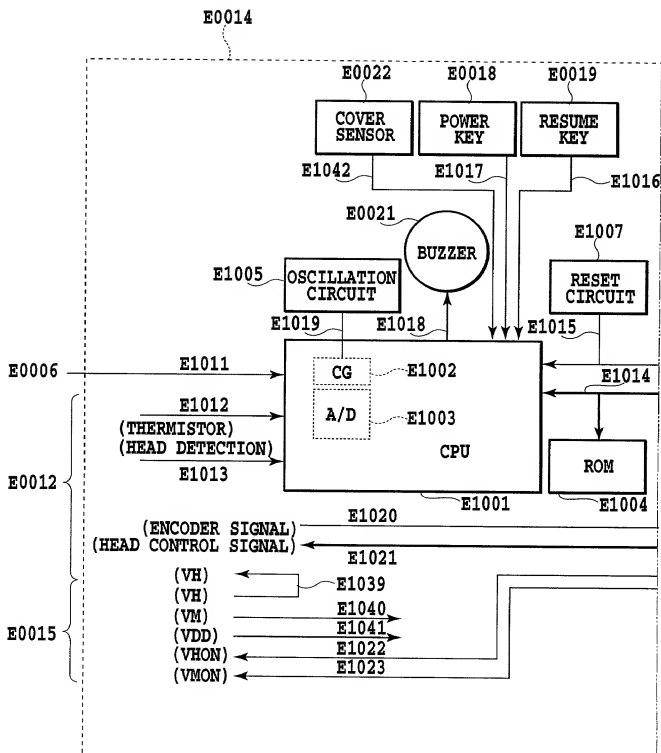


FIG.8A

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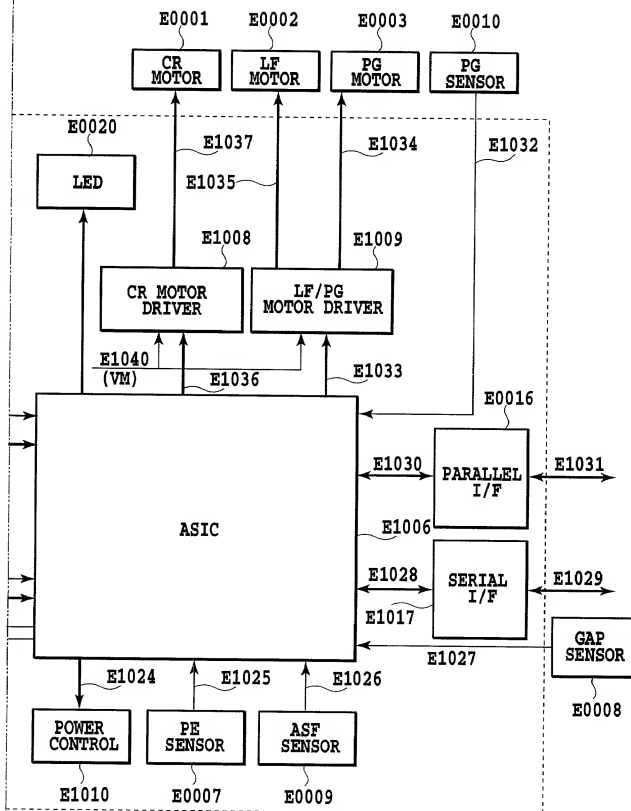


FIG.8B

FIG.9A **FIG.9B**



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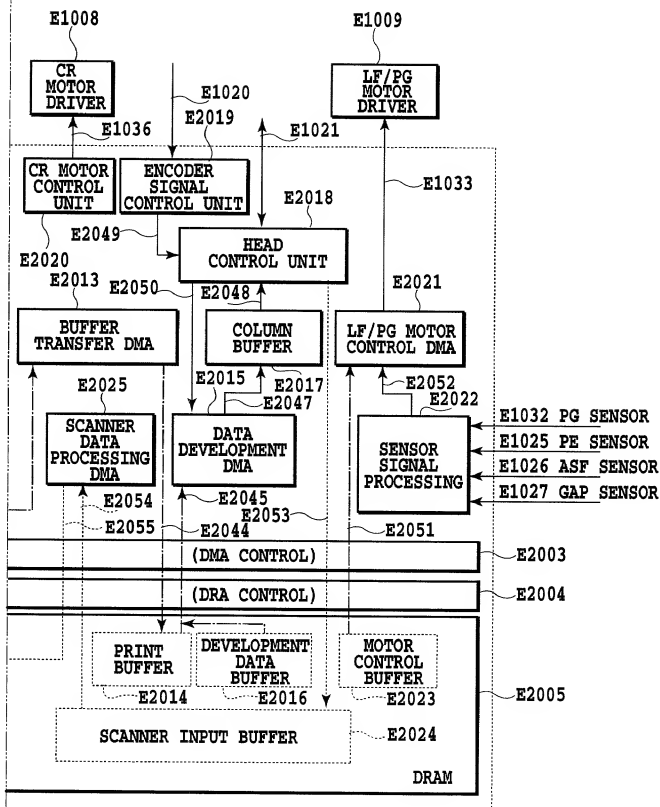


FIG.9B

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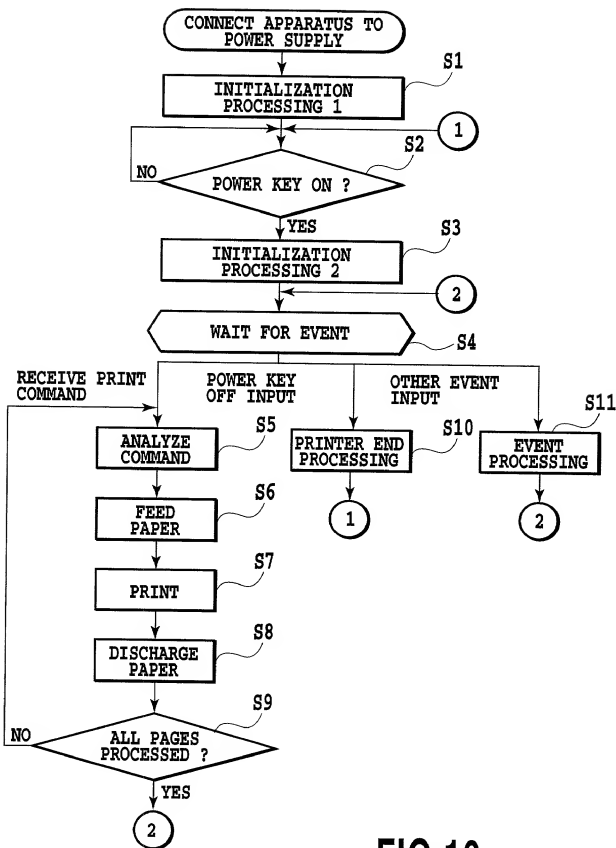


FIG.10

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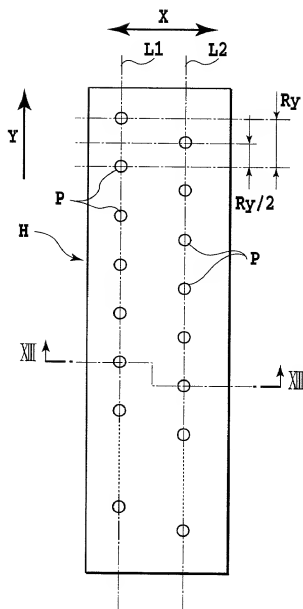


FIG.11

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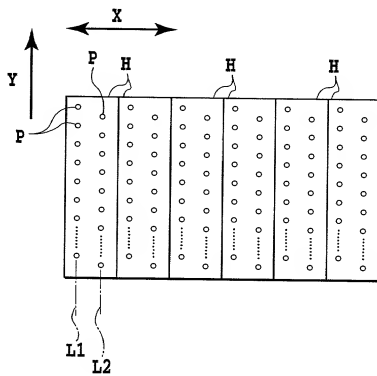


FIG.12

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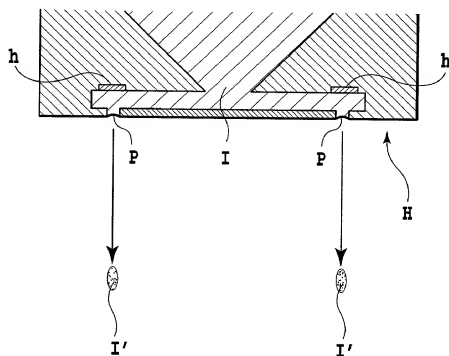


FIG.13

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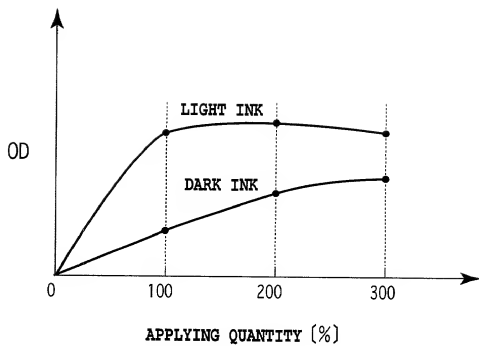


FIG.14

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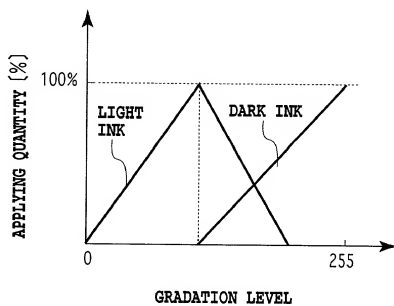


FIG.15

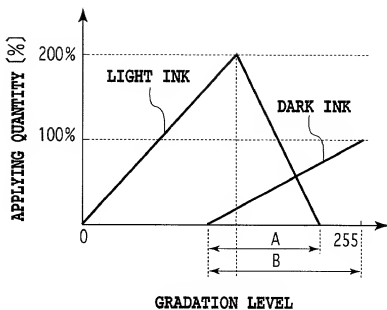


FIG.16

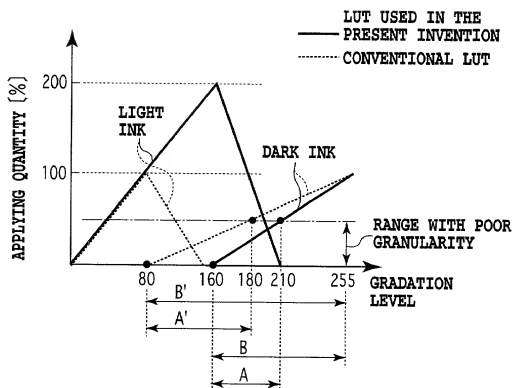


FIG.17

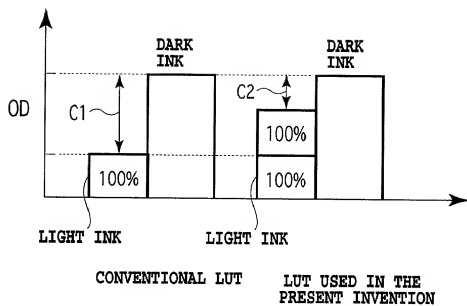
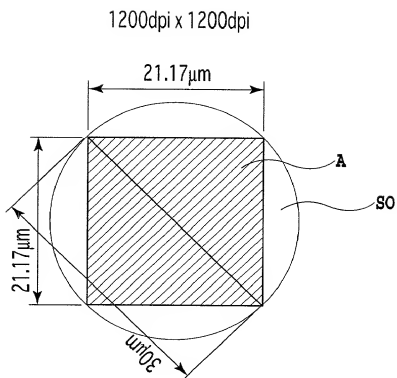


FIG.18

**FIG.19**

DOT AREA VERSUS UNIT PIXEL AREA

	RESOLUTION		600dpi	720dpi	1200dpi	1440dpi	2400dpi
	UNIT PIXEL AREA						
			1792μm ²	1245μm ²	448μm ²	311μm ²	112μm ²
DOT DIAMETER 30μm	706.84μm	0.39	0.39	0.57	1.58	2.27	6.31
DOT DIAMETER 35μm	962.08μm	0.54	0.54	0.77	2.15	3.09	8.59
DOT DIAMETER 40μm	1256.6μm	0.70	0.70	1.01	2.80	4.04	11.22
DOT DIAMETER 50μm	1963.4μm	1.10	1.10	1.58	4.38	6.31	17.53
DOT DIAMETER 70μm	3848.3μm	2.15	2.15	3.09	8.59	12.37	34.36

FIG.20

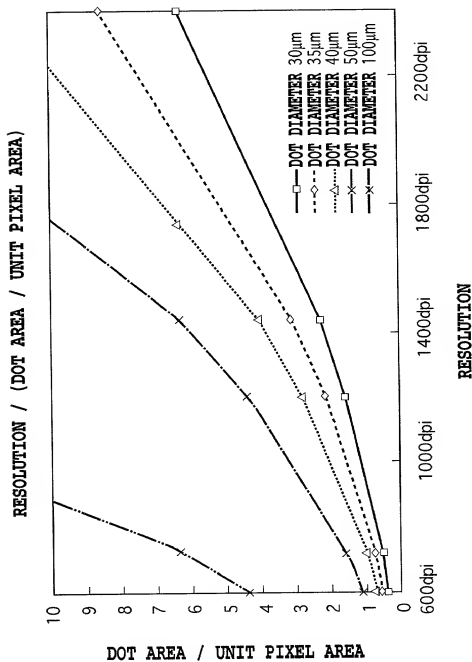


FIG.21

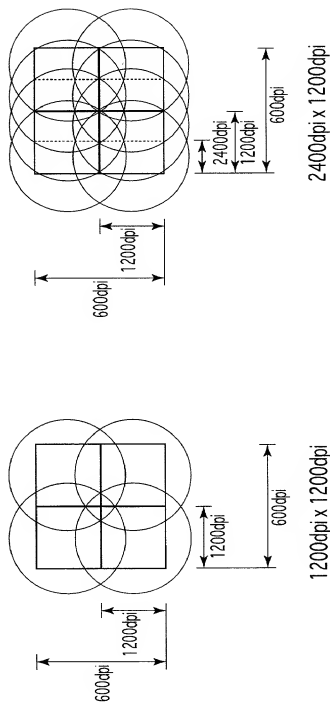


FIG.22A

FIG.22B

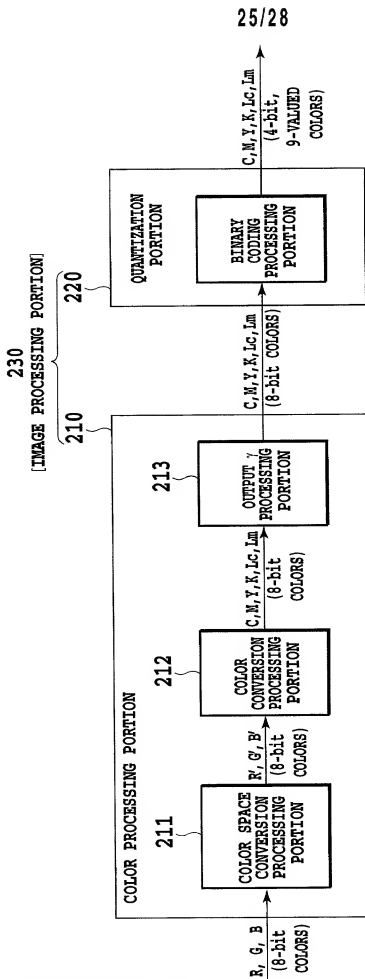


FIG.23

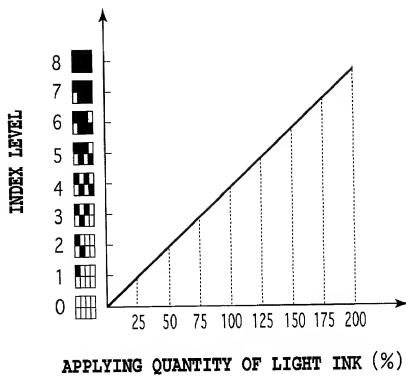


FIG.24

CORRELATION BETWEEN VALUE OF GRANULARITY EVALUATION
FUNCTION AND SUBJECTIVE EVALUATION

GRANULARITY	≤ 0.4	$0.4 \sim 0.6$	$0.6 \sim 0.8$	≥ 0.8
SUBJECTIVE EVALUATION (GRANULARITY)	◎ (EXTREMELY EXCELLENT)	○ (EXCELLENT)	● (POOR)	△ (EXTREMELY POOR)
RESULT	NO DOTS ARE NOTICEABLE AT ALL	DOTS ARE NOTICEABLE WITH REDUCED DISTANCE	DOTS ARE NOTICEABLE WITH LEAST DISTANCE OF DISTINCT VISION	ROUGHNESS OF DOTS IS REMARKABLE

FIG.25

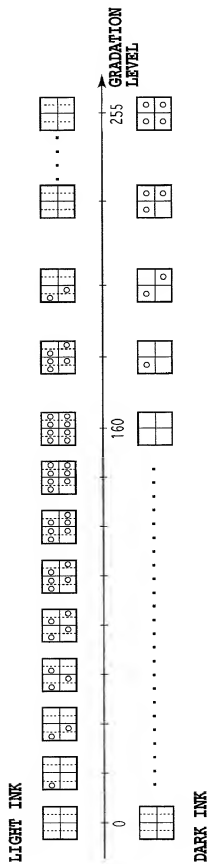


FIG.26